

Work Order ID 136778

Friday, September 04, 2015 3:39:10 PM

136778

Page 1

Item ID: D3949-043

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Gross Weight Towing Cable Flag Assembly

Stop ***NS2***

Start Date: 9/4/2015 Start Qty: 8.00

8

Cust Item ID:

Required Date: 9/11/2015 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals:

Process Plan: UMEDate: 15-9-4

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3949

B

100

100

Purchasing

Purchasing

Memo

Issue P/O: 29712

Manufacture as per Dwg D3949-043

Supplier: Tulmar

Certificate of conformity is required

0.00

CL SEP 08 20158

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.00

8X SP15-09-22

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only ☐

Work Order: <u>136778</u> Part No. <u>D3949-043</u> NCR No. <u>16-5570</u>	DISPOSITION Rework ☐ Scrap ☒ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; font-size: small;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☒</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☒	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☒																			
Date: <u>16-01-21</u>	Step #: <u>100</u>	QTY Effective: <u>8</u>		MRB (QSI042) Approval DAS 9 9-89 <u>16-01-21</u>																	
Description Work Order Deviation		Disposition		Completed By <u>25</u> <u>16-01-23</u>																	
Did not receive correct rev. C.C. supplier sent old rev. part.		Scrap + destroy. Attach email states that supplier had received to proper Rev #		Lead hand / Supervisor Approval Verification DAS 9 9-89 <u>16-01-23</u>																	
QC / QA Coordinator Approval DAS 9 9-89 <u>16-01-23</u>																					

Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☒	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☒
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER: ☐			
Misidentified ☐	Past Due ☐				

Work Order ID 136778***136778***

Page

Friday, September 04, 2015 3:39:10 PM

Item ID: D3949-043

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Gross Weight Towing Cable Flag Assembly

Start Date: 9/4/2015 Start Qty: 8.00

8

Cust Item ID:

Required Date: 9/11/2015 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control									
130	Identify as per dwg & Stock Location: _____	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

20160125

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER :							
Misidentified ☐	☐ Past Due								

Picklist Print

Friday, September 04, 2015 3:39:09 PM

Page 1

Work Order ID: 136778

136778

Parent Item: D3949-043

D3949-043

Parent Item Name: Gross Weight Towing Cable Flag Assembly

Start Date: 9/4/2015

Required Date: 9/11/2015

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP Rev:A @ chg 005 DD 15.08.25 DD verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3949-043P		Purchased	No			110	Each	0.0000	1	8			

D3949-043P

Gross Weight Towing Cable Flag Assembly

EX SP15-09-22

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

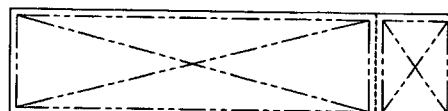
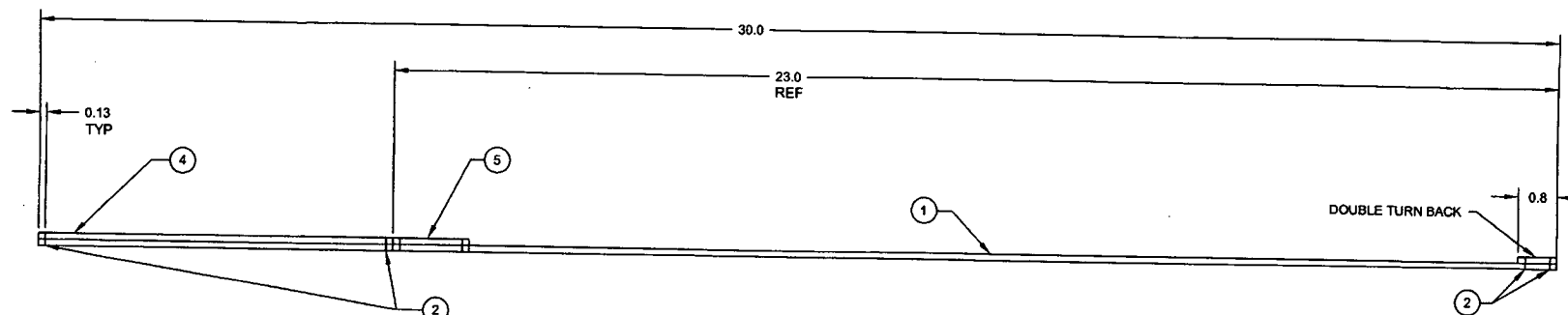
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

ITEM No.	QTY	PART NUMBER	DESCRIPTION
	X	D3949-043	GROSS WEIGHT TOWING CABLE FLAG ASSY
1	A/R	CLOTH	PVC COATED NYLON RED (PER SUPPLIER)
2	A/R	THREAD	PVC COATED NYLON RED (PER SUPPLIER)
3	A/R	LETTERING	WHITE PER SUPPLIER
4	7"	SBLK2.00L	SKANDIA LOOP, 7", BLACK, PER SUPPLIER
5	1.5"	SBLK2.00H	SKANDIA HOOK, 1.5", BLACK, PER SUPPLIER

SPECIFICATION CONTROL DRAWING

mf
136778



LETTERING BOTH SIDES
(STENCIL TYPE FONT)

REMOVE GROSS WEIGHT TOWING CABLE

D3949-043 GROSS WEIGHT TOWING CABLE

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.6
- 7) WEIGHT: 0.07 lbs

RELEASED
2015-08-14

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MB	DRAWING NO.	REV. B
MFG. APPR.	LL	D3949	SHEET 2 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	N/A	FLAG ASSEMBLY (SCD)	NT
DATE	09.05.14	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

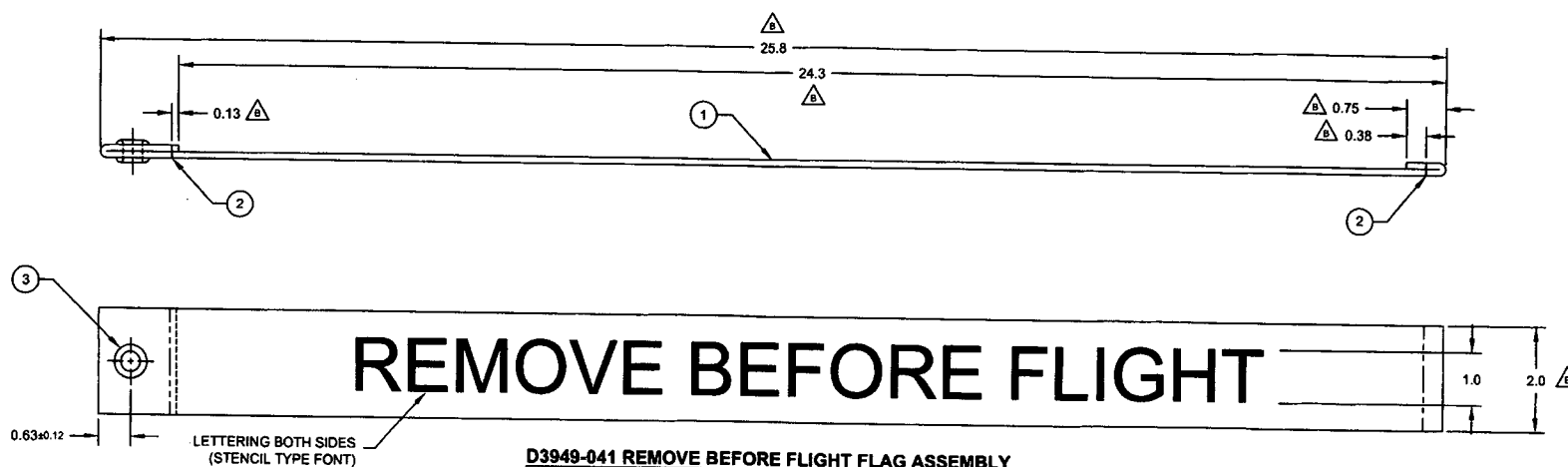
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :			MRB (QS1042) Approval
Description Work Order Deviation		Disposition			Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : _____			

ITEM No.	QTY	PART NUMBER	DESCRIPTION
	X	D3949-041	REMOVE BEFORE FLIGHT FLAG ASSY
1	A/R	CLOTH	PVC COATED NYLON RED (PER SUPPLIER)
2	A/R	THREAD	PVC COATED NYLON RED (PER SUPPLIER)
3	1	GROMMET	BRASS PER SUPPLIER
4	A/R	LETTERING	WHITE PER SUPPLIER

SPECIFICATION CONTROL DRAWING



D3949-041 REMOVE BEFORE FLIGHT FLAG ASSEMBLY

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.6
- 7) WEIGHT: 0.06 lbs

RELEASED
2015-08-14
ECN 15 586

B	UPDATE D3949-041 TOLERANCES, REVISE D3949-043.	AK	15.06.16
A	NEW ISSUE	AJS	09.05.14
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS		
DRAWN	AK		
CHECKED	MB		
MFG. APPR.	LL		
APPROVED	HS		
DE APPR.	N/A		
DATE	09.05.14		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3949
TITLE FLAG ASSEMBLY (SCD)
REV. B
SHEET 1 OF 2
SCALE NTS

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER ☐							
Misidentified ☐	Past Due ☐								

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
Tel: 613-632-1282
Fax: 613-632-2030
GST R132478223
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No Page

55614 1

Ship Date
9/21/2015

Bill To:

Dart Aerospace

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace

1270 Aberdeen Street
Tel: 613-632-9577
Hawkesbury, ON K6A 1K7
Canada

Order number	Sales order date	Account number	Loc	Account manager
33286	9/9/2015	CDART100	H	Francine Bigras
PO number	Ship via	Shipping Terms		
PO29712	Pick-Up	FOB HAWKESBURY		

Item No.	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
Description				

QA Clauses:

A004 A005 A007 A016 A026 A040 A041
A043 (5-yr record retention only)

8972-001	6.00	EA	6.00
----------	------	----	------

Strap, Colour Red, 25 $\frac{3}{4}$ " Long x / 2" Wide, "Remove Before

Drawing No: D3949 (p/n D3949-041 Rev A)

DWG Rev: A

Line 1

Lot no.: BATCH0000000010 6.00

8972-002

Strap, Colour Red, 25 $\frac{3}{4}$ " L x 2" W / "Gross Weight Towing

Drawing No: D3949 (p/n D3949-043 Rev A)

DWG Rev: A

Line 2

Lot no.: BATCH0000000007 8.00

8.00

2015-09-22

Certificate of Conformance

☒ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

Louise LaLiberte

Date:

Sept. 22/15



J. ENNIS FABRICS

August 18, 2014

Fax To: Tulmar Safety Systems
Fax: 613-632-2030
Attention: Allan
Fax From: Susan Nolan

Certificate of Conformance

Re: PO 27826-00 Sportlight 11 Red

The goods shipped on P/O 27826-00 are as per sampled goods. Specification as follows:
As per mill documentation, Sportlight 11 Red is in compliance with the following standards:

Width:	Product is 58 inches wide.
Roll Size:	Average roll length is 50 yards.
Weight:	Product weight is 21.18 ounces per lineal yard. Product weight is 13.15 ounces per square yard.
Content:	100% Nylon
Coating:	Product has a Polyvinyl Chloride Coating
Denier:	420 Denier
Thread Count:	Construction is 48 x 34 threads per square inch.
Protective Finish:	Product is water repellant.
Hydro Resist:	Product has hydro-resistant properties. AATCC 127-1988: 5000mm
Breaking:	CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 408 lbs, Weft: 304 lbs
Tearing:	CAN 2-4.2-M77 Method 12.3 Pendulum: Warp: 25 lbs, Weft: 17.5 lbs
Elongation:	CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 58%, Weft: 51%
Cold Crack:	Cold Crack is - 20 degree Celsius
Cautions:	Not dimensionally stable with temperature change. Product fades with prolonged U.V. Exposure. PVC can crack or peel with exposure to extreme cold or solvents. Nylon is not suitable for boat tops, travel covers, tonneau covers or other outdoor applications.

Manufacture Date: 01/21/14

Lot Number: 430435

Sincerely,
J. Ennis Fabrics Ltd.

S Nolan

Susan Nolan
Customer Service Centre Specialist

c/c's used to mfg. D3949-041
D3949-043 > Rev. A.

Suzanne Laliberte' Sept. 17/15.

1738 B #8

AUG 18 2014



TULMAR**Certificate of Conformance**

Tulmar PN 8532	Description THREAD, NYLON, RED #51, V-T-295, TY2, CL. A, SIZE E	Dwg # / Revision	Qty 10 SR
Tulmar PO # 22,826-00	Line Item # 1	Supplier Name / Address GRANSEN INC. 111 CHABANEL WEST, #101 MONTREAL, QUE. H3N 1C9	Supplier Packing Slip # G 75153

Supplier Declarations:

Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have included, the following substances: Country of Origin of Goods: <u>USA</u>	Hexavalent Chromium; Cadmium; Beryllium; Nickel; Mercury; Lead; Asbestos; Radioactive elements YES ☐ NO ☒
Limited Shelf-Life	Definition: If material is consumed or transformed into final product before end of shelf-life, there is no effect on final product.	These items have a limited Shelf-Life YES ☐ NO ☒
Expiry date	Definition: Date after which performance will no longer be as intended - expiration is transferred to the final product.	These items have an expiry date YES ☐ NO ☒

If YES, please complete the HazMat Acknowledgement form @ www.tulmar.com

If YES, please complete the Time Expired - Shelf-Life questionnaire @ www.tulmar.com

I hereby certify that the goods listed hereon have been inspected and/or tested, as applicable, and conform to all specifications and requirements detailed in the contract or purchase order and relevant quality clauses. Objective evidence to support this statement is on file and can be made available upon request. Should further information be required, please contact:

Signature Allan Schachter	Name ALLAN SCHATZTER	Date (DD-MM-YY) 12 MAR 12
Title VICE-PRESIDENT	Email a.schatzter@canam.ca	Phone # (514) 392-2807

Form Revision 18 Feb 2012

TSS # 2532/05 (Sm)

LORD & HODGE, Inc.

Grommets • Snap Fasteners • Vacu-Vises™

P.O. Box 737, Middletown, CT 06457-0737

TEL (860) 632-7006 FAX (860) 632-2192

Web: www.lordandhodge.com

E-mail: customerservice@lordandhodge.com

WE CERTIFY THAT MATERIAL SUPPLIED ON:

PACKING LIST #: 84640

DATED: NOVEMBER 3, 2006

P.O. #: 11975

SOLD TO: TULMAR SAFETY SYSTEMS

QUANTITY: 35 GROSS

IS IN ACCORDANCE WITH SPECIFICATIONS: #1 GROM.& WASH.-BRASS


Signature


Title

11975 (S)

TULMAR

Certificate of Conformance

Tulmar P/N	Description	Dwg #	Revision	Qty
	7306-RET TW MULTI PLASTIC RETARDER			1
Tulmar PO #	Line Item #	Supplier Name / Address	Supplier Packing Slip #	
26616-00	TW-1091-4	DISCOVERY LANCER 145 RIVIERA DR. MARKHAM ON L3R5T6		

Supplier Declarations:

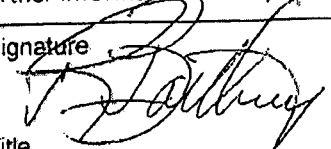
Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have included, the following substances:	Hexavalent Chromium; Cadmium; Beryllium; Nickel; Mercury; Lead; Asbestos; Radioactive elements YES ☐ NO ☒
Country of Origin of Goods : <u>USA</u>		if YES, please complete the HazMat Acknowledgement form @ www.tulmar.com
Limited Shelf-Life	<u>Definition:</u> If material is consumed or transformed into final product before end of shelf-life there is no effect on final product.	These items have a limited Shelf-Life YES ☐ NO ☒
Expiry date	<u>Definition:</u> Date after which performance will no longer be as intended - expiration is transferred to the final product.	These items have an expiry date YES ☐ NO ☒

AS LONG AS LD IS ON TIGHT

Additional Information (MRS#, MRA#, limitations, etc...):

--

I hereby certify that the goods listed hereon have been inspected and/or tested, as applicable, and conform to all specifications and requirements detailed in the contract or purchase order and relevant quality clauses. Objective evidence to support this statement is on file and can be made available upon request. Should further information be required, please contact:

Signature 	Name R. BARTLEY	Date (DD-MMM-YYYY) 5/11/13
Title SHIPPER	Email	Phone # 905-470-0744

Form Revision 13 Aug 2012

7306-RET / 11 (SN)

Chantal Lavoie

To: Anna McGillis
Cc: 'Quality Inspection'; 'Robin Hunzinger'; 'Helene Husk'
Subject: RE: po29712 SO 33286 8972-002
Attachments: QSI044-01C.pdf

From: Anna McGillis [mailto:anna@tulmar.com]
Sent: Wednesday, September 23, 2015 11:22 AM
To: Chantal Lavoie <clavoie@dartaero.com>
Cc: 'Quality Inspection' <quality@tulmar.com>; 'Robin Hunzinger' <robin@tulmar.com>; 'Helene Husk' <helene@tulmar.com>
Subject: RE: po29712 SO 33286 8972-002

Hi Chantal - Engineering has now reviewed the change from Rev A to Rev B and the change for **D3949-043** is a significant change.

Normally when companies change the revision on parts they request a new quotation since the changes often impact the price, as well as, the ECO we have to charge for all the Engineering and Sourcing changes. Besides the ECO charge of \$150 for each part (D3949-041 & D3949-043), we will need to open a Tender Review to source and assess new costs for the changes to D3949-043 as per Engineering review below:

The change to rev B will involve a new cost roll-up as there is not only the addition of the stenciling "Remove", but there is also more cloth, no grommet, new Velcro, new tolerances, new identification requirements, etc.

Please request DART document QSI 044 6.6.

Please also ask the customer if we can substitute a stock Velcro for the Skandia hook and loop called out on the dwg. If the customer sticks with the Skandia Velcro, they will have to consider covering the cost of a min-buy on the raw material.

Due to our current workload, updating this part will only take place in the next couple of weeks.

Given the above information, our concession will be to hold the price at \$14, however, please add a line for the ECO changes (\$300 total) and if there is a minimum buy on the new Velcro, Dart will have to cover this cost. Please send the amended PO, along with the document QSI 044 6.6 and your decision on the Velcro issue. The lead time is pending as per the changes.
Thanks.

Anna McGillis

Sales & Customer Service

TULMAR

ENGINEERED FOR PROTECTION

Tulmar Safety Systems Inc.

1123 Cameron Street, Hawkesbury ON, Canada K6A 2B8

T 613-632-1282 x 228 | F 613-632-2030

anna@tulmar.com | <http://www.tulmar.com/>

From: Chantal Lavoie [mailto:clavoie@dartaero.com]
Sent: Wednesday, September 23, 2015 9:36 AM
To: Anna McGillis

Cc: 'Quality Inspection'; 'Robin Hunzinger'; Helene Husk
Subject: RE: po29712 SO 33286 8972-002

Hi Anna.,
Could we meet half way for the replacement.
Thanks
Chantal

From: Anna McGillis [<mailto:anna@tulmar.com>]
Sent: Wednesday, September 23, 2015 9:35 AM
To: Chantal Lavoie <clavoie@dartaero.com>
Cc: 'Quality Inspection' <quality@tulmar.com>; 'Robin Hunzinger' <robin@tulmar.com>; Helene Husk <helene@tulmar.com>
Subject: RE: po29712 SO 33286 8972-002

Hi Chantal –
I will make the replacement shop floor once our Parts Master is updated to Rev B.
Please note that we sent you our sales order confirmation which indicated that our records were at Rev A for both parts, therefore, this must be a paid replacement as we did not have the drawings at Rev B.
Therefore, please add an additional line on the PO for the replacement order. Thanks.
Anna

From: Chantal Lavoie [<mailto:clavoie@dartaero.com>]
Sent: Wednesday, September 23, 2015 9:11 AM
To: Anna McGillis
Cc: 'Quality Inspection'; 'Robin Hunzinger'
Subject: RE: new po29712

Good morning Anna,
We have received the po29712, it was not the D3949-041 that was made to rev. a but it was the D3949-043 made at rev.a.
Sorry they are not acceptable they are missing the (remove) on it, please see dwg attached. Will need replacement.
Thanks
Chantal

From: Anna McGillis [<mailto:anna@tulmar.com>]
Sent: Monday, September 21, 2015 1:37 PM
To: Chantal Lavoie <clavoie@dartaero.com>
Cc: 'Quality Inspection' <quality@tulmar.com>; 'Robin Hunzinger' <robin@tulmar.com>
Subject: FW: new po29712

Thank you, Chantal.
We will use this email as confirmation to ship this order and will update our files with the Rev B drawing for future orders.
Thanks!

Anna McGillis
Sales & Customer Service
TULMAR
ENGINEERED FOR PROTECTION

Tulmar Safety Systems Inc.

1123 Cameron Street, Hawkesbury ON, Canada K6A 2B8

T 613-632-1282 x 228 | F 613-632-2030

anna@tulmar.com | <http://www.tulmar.com/>

From: Chantal Lavoie [<mailto:clavoie@dartaero.com>]

Sent: Monday, September 21, 2015 1:29 PM

To: Anna McGillis

Cc: 'Quality Inspection'

Subject: RE: new po29712

Good afternoon Anna,

Please see the attached for the new rev. B dwg files and has for the order that is ready it will be acceptable.

Thanks

Chantal

From: Anna McGillis [<mailto:anna@tulmar.com>]

Sent: Monday, September 21, 2015 8:57 AM

To: Chantal Lavoie <clavoie@dartaero.com>

Cc: 'Quality Inspection' <quality@tulmar.com>

Subject: FW: new po29712

Hi Chantal - Your order is ready but our QA just discovered that you requested Rev B for D3949-041 but we only have Rev A drawing and our system says Rev A as per the attached confirmation I sent.

Please give me a call as this order has been made at Rev A. Thanks.

Anna

From: Anna McGillis [<mailto:anna@tulmar.com>]

Sent: Wednesday, September 09, 2015 11:25 AM

To: 'Chantal Lavoie'

Subject: RE: new po29712

Hi Chantal -

Thank you for your order and please find our confirmation attached.

Have a nice day!

Anna McGillis

Sales & Customer Service

TULMAR

ENGINEERED FOR PROTECTION

Tulmar Safety Systems Inc.

1123 Cameron Street, Hawkesbury ON, Canada K6A 2B8

T 613-632-1282 x 228 | F 613-632-2030

anna@tulmar.com | <http://www.tulmar.com/>

From: Chantal Lavoie [<mailto:clavoie@dartaero.com>]

Sent: Tuesday, September 08, 2015 1:18 PM

ACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613-632 1053

PURCHASE ORDER**Purchase Order ID PO29712****Purchase Order Date 9/8/2015****PO Print Date 9/8/2015****Page Number 1 of 2****Order From :**

VC-TUL001

Ship To : DART AEROSPACE LTD

TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED**Contact Name****Vendor Phone** 613 632 1282**Buyer**

Chantal Lavoie

Customer POID**Customer Tax #**

10127-2607

Ship To Contact**Terms**

Net 30

Ship To Phone**Currency**

CAD

Ship Via:

VENDOR'S TRUCK

FOB

FCA - (Free Carrier)

Ship Acct:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3949-041P AS PER DWG D3949 REV. B B136504	Remove before Flight Flag Assembly	9/23/2015 Yes 9/23/2015		6.00 Each	\$14.00	\$84.00
Line Total:							\$84.00
2	D3949-043P AS PER DWG D3949 REV. B B136778	Gross Weight Towing Cable Flag Assembly	9/23/2015 Yes 9/23/2015		8.00 Each	\$14.00	\$112.00
Line Total:							\$112.00

Note:

9/8/2015

FACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29712

Purchase Order Date 9/8/2015

PO Print Date 9/8/2015

Page Number 2 of 2

Order From :
TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

VC-TUL001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 613 632 1282

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

3	71401-45	PROCUREMENT QUALITY CLAUSES	9/23/2015	1.00	\$0.00	\$0.00
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No

9/23/2015

Procurement Quality Clauses
A004 faa-pma/tso
A005 right of entry
A007 first article inspection (fai)
A016 personnel qualification
A026 certification of material conformance
A040 notification of quality escape
A041 quality management system
A043 retention of quality document
NOTE: TULMAR RETAINS RECORDS FOR 5 YRS ONLY

8/15-09-22

Line Total: \$0.00

PO Total: \$196.00

CL U

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 9/8/2015

DT
PACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

OUTSTANDING PO REPRINT

Purchase Order ID **PO29712**

Purchase Order Date 9/8/2015

PO Print Date 9/29/2015

Page Number 1 of 2

Order From : VC-TUL001
TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

Ship To : DART AEROSPACE LTD

1270
ABERD
EEN
HAWKE
SBURY,
ON
K6A
1K7
CANAD
A

FAKED

4/15/9/30

Contact Name
Vendor Phone
Vendor Fax
Ship To Contact
Ship To Phone

613 632 1282
613 632 2030

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Ship Method VENDOR'S TRUCK
Ship Acct

Line Nbr	Item ID Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Extended Price
4	D3949-043P	Gross Weight Towing Cable Flag Assembly	10/16/2015 Yes	8.00 Each	\$112.00
			10/16/2015		
	AS PER DWG D3949 REV. B B137428				
5	71475-25	ECO CHARGE FOR NEW REV.	10/16/2015 No	1.00	\$300.00
			10/16/2015		

Line Total: \$112.00

Line Total: \$300.00

9/29/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

OUTSTANDING PO REPRINT

Purchase Order ID PO29712

Purchase Order Date 9/8/2015

PO Print Date 9/29/2015

Page Number 2 of 2

Order From : VC-TUL001

TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

Ship To : DART AEROSPACE LTD

1270
ABERD
EEN
HAWKE
SBURY,
ON
K6A
1K7
CANAD
A

Contact Name

Vendor Phone 613 632 1282

Vendor Fax 613 632 2030

Ship To Contact

Ship To Phone

Ship Method VENDOR'S TRUCK

Ship Acct

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

Line Nbr	Item ID Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Extended Price
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6	71401-45	PROCUREMENT QUALITY CLAUSES	9/23/2015 No	1.00	\$0.00
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Procurement Quality Clauses
A004 faa-pma/tso
A005 right of entry
A007 first article inspection (fai)
A016 personnel qualification
A026 certification of material conformance
A040 notification of quality escape
A041 quality management system
A043 retention of quality document
NOTE: TULMAR RETAINS RECORDS FOR 5 YRS ONLY

Line Total: \$0.00

Outstanding PO Total: \$412.00

Change Nbr: 3

Change Date: 9/29/2015

Terms & Condition of
Purchasing(Suppliers) and
Procurement Quality Clauses are an
integral part of our AS9100